Performance Data Sheet

AJE4517ZHZ

General Information

Model	AJE4517ZHZ	**Refrigerant**	R-404A
Test Condition	Tecumseh Europe	**Performance Test Voltage**	220V ~ 60HZ
Return Gas	-6.7°C (20°F) SUPERHEAT	**Motor Type**	CSR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-6.7	Watts (Capacity)	4100	3440	2780	2120
	Watts (Power)	1300	1390	1490	1580
	Amps	6.51	6.92	7.34	7.76
-5	Watts (Capacity)	4410	3710	3010	2310
	Watts (Power)	1330	1430	1540	1640
	Amps	6.67	7.14	7.61	8.08
0	Watts (Capacity)	5420	4590	3750	2920
	Watts (Power)	1410	1540	1690	1830
	Amps	7.14	7.75	8.37	8.98
5	Watts (Capacity)	6570	5590	4600	3620
	Watts (Power)	1480	1660	1830	2010
	Amps	7.62	8.36	9.10	9.84
7.2	Watts (Capacity)	7120	6070	5010	3960
	Watts (Power)	1520	1700	1890	2080
	Amps	7.84	8.62	9.42	10.2
10	Watts (Capacity)	7850	6710	5560	4420
	Watts (Power)	1560	1760	1970	2170
	Amps	8.11	8.96	9.81	10.7
15	Watts (Capacity)	9280	7960	6630	5310
	Watts (Power)	1640	1870	2100	2330
	Amps	8.60	9.55	10.5	11.4

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	7.880992E+03	1.023866E+03	5.365639E+00	
C2	2.999444E+02	-5.720510E+00	1.343362E-02	
C3	-8.086835E+01	1.141724E+01	5.722255E-02	

C4	3.658888E+00	2.132508E-01	1.068001E-03	
C5	-2.799578E+00	7.021155E-01	2.736894E-03	
C6	-5.136007E-02	5.365947E-02	8.382920E-05	
C7	-1.000000E-16	0.000000E+00	0.000000E+00	
C8	-2.980033E-02	-6.392953E-03	-3.127650E-05	
C9	-1.170000E-04	-4.460000E-05	-3.120000E-07	
C10	3.340000E-04	-3.370000E-04	-5.560000E-07	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature